

AMENDMENTS TO THE CLAIMS:

This listing of the claims will replace all prior listings and versions of claims in the application.

Claims 1-45 (canceled)

Claim 46 (original) A kit for performing an invasive cleavage assay comprising a probe oligonucleotide and an invasive oligonucleotide configured to form an invasive cleavage structure in the presence of an RNA target nucleic acid.

Claim 47 (previously presented) The kit of Claim 46, further comprising a polypeptide encoded by the nucleic acid shown in SEQ ID NO: 2856.

Claim 48 (previously presented) The kit of Claim 47, wherein said polypeptide is shown in SEQ ID NO:2857.

Claims 49-57 (canceled)